



Missouri Renewable Resources Directory

Energy Center fact sheet

9/2006

This directory was compiled by the Missouri Department of Natural Resources' Energy Center. It is intended to be a source of renewable energy resources and a tool to stimulate the growth of renewable energy business and industry within Missouri.

Inclusion of a business, consultant or organization on this list is not an endorsement, sanction, or certification by the Missouri Department of Natural Resources or by the State of Missouri.

Before purchasing from a vendor or hiring a consultant or firm, review their credentials and ask questions. Make certain their product or expertise is what you need for your particular project.

To update or add a listing to this directory, please contact the Missouri Department of Natural Resources' Energy Center using the contact information at the end of this list. The department may edit directory listings for length, content and department style.

Agricultural Biofuels and Biomass

Agrisa, LLC

2050 East Wayland
Springfield MO 65804

Contact: Scott Pogue

Phone: (615) 594-8657

E-mail: scottpogue@myway.com

Description: Developers of renewable energy systems based on conversion of organic waste streams into thermal and electrical energy via anaerobic digestion technology. Feedstocks for waste to energy conversion include animal manures (dairy, swine, and poultry); ethanol and biodiesel production byproducts.

National Biodiesel Board

3337A Emerald Lane
P.O. Box 104898
Jefferson City, MO 65110

Phone: 1-800-841-5849

Fax: (573) 635-7913

E-mail: info@biodiesel.org

Web: www.biodiesel.org

Description: The NBB is the national trade association representing the biodiesel industry as the coordinating body for research and development in the United States.

National Ethanol Vehicle Coalition

3216 Emerald Lane, Ste. C

Jefferson City, MO 65109

Phone: (573) 635-8445

Toll free: 1-877-485-8595

Fax: (573) 635-5466

Contact: Phillip Lampert, Executive Director

E-mail: plampert@e85fuel.com

Web: www.e85fuel.com

Description: The National Ethanol Vehicle Coalition is the nation's primary advocate dedicated to the use of 85 percent ethanol as a form of alternative transportation fuel. Financial assistance for the NEVC comes from advocates of clean, renewable, domestic energy.

Missouri Soybean Association

3337 Emerald Lane

Jefferson City, MO 65110

Phone: (573) 635-3819

Fax: (573) 635-5122

Contact: Dale R. Ludwig, Executive Director/CEO

E-mail: mosoy@mosoy.org

Web: www.mosoy.org

Description: The Missouri Soybean Association is a membership organization providing a collective voice in representing interests specific to the Missouri soybean producer through legislative advocacy, influencing public policy and communication/education. MSA supports efforts to increase the market for biodiesel, a cleaner-burning diesel fuel.

Missouri Corn Growers Association

3118 Emerald Lane

Jefferson City, MO 65109

Phone: (573) 893-4181

Fax: (573) 893-4612

E-mail: mcga@mocorn.org

Web: www.mocorn.org

Contact: Gary Marshall, Executive Director

Description: The MCGA is an organization of farmer-members dedicated to increasing the profitability of corn production by developing and expanding corn markets, collecting and distributing information, building coalitions with organizations and industries, and participating in the governmental process. MCGA works on increasing the market for ethanol, a clean-burning fuel produced from corn.

Missouri Bioenergy

1764 NW 50 Road

P.O. Box 128

Kingsville, MO 64061

Phone: (816) 597-3822

Toll free: 1-866-328-0494

Fax: (816) 597-3663

Contact: Steve A Flick

E-mail: steveaflick@knoxy.net

Web: www.missouribioenergy.com

Description: S. A. Flick Seed Company grows, processes and markets grass and other seeds. Along with other Missouri seed growers, Flick Seed is forming Show Me Energy Missouri

Bioenergy Producer Group to convert waste biomass from seed processing into fuel pellets and for marketing this renewable fuel product.

Ozark Hardwood Products, LLC

P.O. Box 748

Marshfield, MO 65706

Phone: (417) 859-6027

Fax: (417) 859-7718

E-mail: s.jacobs@ozarkhardwoodproducts.com

Web: www.ozarkhardwoodproducts.com

Contact: Steve Jacobs

Description: Ozark Hardwood Products manufactures a 100-percent hardwood pellet fuel at our location in Purdy, Mo.

Education

Classroom Curriculum Supplements

Energy for Missouri: Today and Tomorrow

Missouri Department of Natural Resources

Field Services Division

Environmental Education

PO Box 176

Jefferson City, MO 65102

Phone: 1-800-361-4827

Web: www.dnr.mo.gov/services/educ.htm

Description: Energy curriculum, including 10 lesson plans that focus on Missouri energy issues. The curriculum meets the Show-me Standards.

School Energy Efficiency Development (SEED)

Gateway Center for Resource Efficiency

3617 Grandel Square

St. Louis, MO 63108

Phone: (314) 577-0220

Fax: (314) 577-0298

E-mail: earthways.center@mobot.org

Web: www.earthwayshome.org

Description: SEED is a unique, interactive year-long energy education program which educates and empowers students, teachers and school staff to take action on energy efficiency.

Solar Car Teams

Team Suntiger

University of Missouri – Columbia

Room 349 Engineering Building West

Columbia, MO 65211

Phone: (573) 882-1629

Contact: Richard Whelove, Ph.D.

E-mail: WheloveR@missouri.edu

University of Missouri Rolla Solar Car Team**University of Missouri - Rolla**

109 Engineering Management

Rolla, MO 65409-0370

Phone: (573) 341-4249

Fax: (573) 341-4437

Contact: Doug Carroll, Ph.D.

E-mail: solar1@umr.edu

Web: <http://solar42.umr.edu>

Solar Decathlon Team University of Missouri-Rolla (UMR)

Student Design Competition Center

1870 Miner Circle

Rolla, MO 65409

Phone: (573) 341-6794

Fax: (573) 341-6782

E-mail: sunhome@umr.edu

Web: <http://solarhouse.umr.edu/index.html>

Description: The University of Missouri-Rolla team competed and finished ninth overall in the 2002 Solar Decathlon. Home Depot, one of the major sponsors, presented the UMR team with the "Best Customer Service" award, citing the team for "always offering a friendly face and easy-to-comprehend explanations of their house to the public." The UMR team developed a 2002 Solar Decathlon presentation to educate teachers and students about its experience and knowledge gained by participation.

Crowder College

601 Laclede Ave.

Neosho, MO 64850

Contact: Art Boyt

Phone: (417) 455-5422

Fax: (417) 455-5423

E-mail: aboyt@crowder.edu

Web: www.crowdermaret.org

Description: Crowder College, located in Neosho, finished sixth overall in the 2002 Solar Decathlon competition. The Crowder College team was top ranked in engineering and special awards, including the "People's Choice" award. The team also developed a 2002 Solar Decathlon presentation to educate teachers and students about the experience and knowledge gained by participation.

Solar "Raycing" Events, American Solar Challenge

12 Cedars

Freeman, MO 64746

Phone: (816) 899-5511

Fax: (816) 250-5430

E-mail: teams@americansolarchallenge.org

Web: www.americansolarchallenge.org

Description: American Solar Challenge is an international biennial road "rayce." Teams compete with vehicles that are powered entirely by solar power. The objectives of the event are to stimulate interest in science and technology and to raise awareness of renewable and sustainable energy sources. In 2005 the rayce will start in Texas and end in Canada.

Formula Sun Grand Prix

P.O. Box 30

Freeman, MO 64746

Phone: (816) 899-5511

Fax: (816) 250-5430

E-mail: deberle@formulasun.org

Web: www.formulasun.org

Description: Formula Sun Grand Prix is an annual, international, closed-course "rayce." Teams compete with vehicles that are powered entirely by solar power. The objectives of the event are to stimulate interest in science and technology and to raise awareness of renewable and sustainable energy sources.

Solar BikeRayce USA

P.O. Box 30

Freeman, MO 64746

Phone: (816) 899-5511

Fax: (816) 250-5430

E-mail: teams@solarbike.org

Web: www.solarbike.org

Description: Solar BikeRayce USA is an annual, international closed-course "rayce" held in Topeka, Kans. Teams compete with vehicles that are powered either partially or entirely by solar power. These pedaled and non-pedaled, solar-assisted vehicles are referred to as "solar bikes." The objectives of the event are to stimulate interest in science and technology and to raise awareness of renewable and sustainable energy sources.

Energy Efficient and Passive Solar Home Design and Services**Alternative Real Estate/Construction**

P.O. Box 171

Camdenton, MO 65020

Phone: (573) 873-9810

Cell: (573) 280-9905

Contact: Darrell Leggett

E-mail: alternativerealestate@charter.net

Description: Broker/Builder of ENERGY STAR® qualified homes designed with passive solar techniques that are healthy, comfortable and durable with a "whole house" approach to energy efficiency.

Butterfly Energy Works

Steps Systems Integration, LLC

427 S. Park Avenue

Webster Groves, MO 63119

Phone: (314) 961-8418

Fax: (314) 961-8418 (please call first)

E-mail: garysteps@butterflyenergyworks.com

Web: www.butterflyenergyworks.com

Description: We listen to your needs and help you prioritize your goals through our systematized consulting process. We conduct energy analysis of your home, that includes computer modeling to satisfy the maximum number of your goals; and finally we create a

customized step-by-step proposal that includes recommendations, an energy budget and estimated return on investment. We are also available for full project management.

Envision Development Corporation

909 E. Fair

Independence, MO 64055

Phone: (816) 537-7600

Contact: David Roberts

Web: www.envisionhomes.com

Description: Builders of homes featuring build green, passive solar, ENERGY STAR® and health home attributes. Also developing sustainable neighborhoods. Currently concentrating in the KC metro area.

Hathmore Technologies, LLC

P.O. Box 1157

Blue Springs, MO 64013-1157

Phone: (816) 224-5550

Fax: (816) 224-5150

Contact: Ken Riead

E-mail: kenr@hathmore.com

Web: www.hathmore.com and www.replete.com

Description: Consultant to builders, developers and interested individuals on the design and efficiency of passive and active solar homes, green & sustainable construction, Energy Star and healthy homes. Certification and home energy ratings for the EPA Energy Star home program and energy tax credits.

New Resources Group / Eberle Construction

12 Cedars

Freeman, MO 64746

Phone: (816) 899-5511

Fax: (816) 250-5430

E-mail: deberle@formulasun.org

Contact: Dan Eberle

Description: Specializing in assisting those interested in being involved in the process of designing, building and living with their structure. We provide services for building/power design, construction management, including permitting and inspection processes.

Oakley Construction

HCR 80 Box 67-2

Caulfield, MO 65626

Phone: (417) 284-7169

Contact: Bill Oakley

Robyn Magner Builder Inc.

19015 S. Mackie Lane

Hartsburg, MO 65039

Phone/Fax: (573) 657-9211

E-mail: robynbuild@aol.com

Contact: Robyn Magner

Description: Designer / builder of passive solar homes, earth contact homes and sun spaces. 25-plus years of experience

Tichenor Construction

PO Box 32

Turney, MO 64493

Phone: (816) 664-3913

Contact: Jerry Tichenor

Description: Strawbale homebuilder that incorporates whole home energy efficient design that includes appliance selection as well as photovoltaics and wind energy options.

Weston E.I.D. Inc.

920 Bent Oak Court, Suite G

Lake St. Louis, MO 63367

Phone: (636) 474-1550

Fax: (636) 474-1552

E-mail: cweston@westoneid.com

Web: www.WestonEID.com

Contact: Craig Weston

Description: Weston E.I.D. Inc. provides architectural design for passive solar and energy efficient homes and commercial structures.

Photovoltaics and Wind Energy**Advanced Energy Corporation**

1835 S. Warren Ave.

Sedalia, MO 65301

Phone: (660) 553-0952

Contact: David Reine

Email: admin@advancedenergycorporation.com

Web: www.advancedenergycorporation.com

Description: Provide sales, design, and installation of photovoltaic systems for both grid-tie and off grid systems.

Advanced Energy Solutions, Inc.

Aur Beck

192 Gates Road

Pomona, IL 62975-2506

Phone: (618) 893-1717

Toll free: 1-800-229-0453

E-mail: info@AESsolar.com

Web: www.AdvancedEnergySolution.com

Description: Sell, install and educate about renewable resources and energy efficiency.

BZ Products Inc.

7614 Marion Court

St. Louis, MO 63143

Phone: (314) 644-2490

E-mail: bzp@bzproducts.net

Web: www.bzproducts.net

Contact: Frank Lewon

Description: Manufacturer of PV charge controls.

Cromwell Environmental

505 Main Street

Belton, MO 64012

Phone: (816) 318-0002

Fax: (816) 318-0005

Toll Free: 1-877-427-7767

E-mail: energy@powertomorrow.com

Web: www.powertomorrow.com

Contact: Tiffany Lederle

Description: Designing and Installing the Power of Tomorrow - Today! Renewable Energy Solutions: Solar Hot Water & Heating, Photovoltaic, Wind Turbines. Commercial & Residential

Echols Construction / Sunshine Market

4050 CR 3190

Mountain View, MO 65548

Phone: (417) 934-6746

Sunshine Market: (417) 934-6956

Contact: William R. Echols

E-mail: echols@socket.net

Description: Solar thermal with leasing option and PV dealer.

The Energy Savings Store – St. Louis

22 N Sarah, Suite 101A

St. Louis, MO 63108

Phone: 636-699-9540

The Energy Savings Store – Kansas City

8201 Rosewood Drive

Prairie Village, KS 66208

Phone: (913) 221-6253

E-Mail: bsolger@theenergysavingsstore.com

Web: www.theenergysavingsstore.com

Contact: Bob Solger

Description: Provides complete solar PV, wind turbine and hydrogen fuel cell solutions for residential, commercial, industrial, agricultural and municipal applications. Solutions include technology, engineering design, project management, installation and maintenance services.

Missouri Renewable Energy

New Life Evangelistic Center

Mid America Renewable Energy Center

9810 State Road AE

New Bloomfield, MO

Phone: 1-800-228-5284

Web: www.moreenergy.org

Description: Offers workshops and videos on making biodiesel, electric vehicles, solar hot water, radiant floors, photovoltaics, wind and microhydro.

Missouri Valley Renewable Energy

2378 Berkemeyer Road

Hermann, MO 65041

Phone: (573) 486-5709

E-mail: henry@movre.com

Web: <http://movre.com/>

Contact: Henry Rentz

Description: Sales, service and installation. Photovoltaics, solar hot water and space heating, stand-by generators, UPS systems, solar design and construction, solar water pump systems.

Member: U.S. Green Building Council.

New Century Enterprises

305 Aquila Drive

Cameron, MO 64429

Phone: (816) 632-9303

Fax: (816) 632-5028

E-mail: chipmanl@mchsi.com

Contact: Larry Chapman

Description: Wind turbine dealer

Ozark Energy Services

10633 Foliage Rd.

Joplin, MO 64804

Phone: (417) 623-6296

Fax: (866) 880-0305

E-mail: ozsolar@ipa.net

Contact: Travis Creswell

Description: Installing dealer of PV, wind, solar hot water, and radiant in-floor heating.

Power Source Solar

3718 E. Ponderosa Lane

Springfield, MO 65803

Phone: (417) 833-4274

Fax: (417) 833-9240

E-mail: info@powersourcesolar.com

Web: www.powersourcesolar.com

Contact: Nathan Jones

Description: Sales, service, design, installation, manufacturer, consulting, design and full service dealer.

Preferred Energy

6502 Ming Drive

Mountain Grove, MO 65711

Phone: Cell (417) 818-6057, Office (417) 453-6362

Fax: (417) 453-6364

E-mail: cwiles@llion.org

Web: www.preferredenergy.com

Contact: Craig Wiles

Description: Sales and installation of photovoltaics, wind, hydro, and solar thermal systems. Also sell and install generator systems.

Solar 1 - Saint Louis Solar

9905 Vassel Drive

St. Louis, MO 63123

Phone: Voice Fax (314) 631-1094

E-mail: Bill_Loesch@compuserve.com

Web: www.solar1online.com

Contact: Bill Loesch

Description: Full service installing dealer and rework facility specializing in sinewave power (PV and UPS) and solar thermal. Design, installation, service, and repair of solar electric, solar hot water, solar hot air, tankless water heaters, catalytic space heaters and solar tubes .

Sunworks / Energy Alternatives

Columbia, Missouri

Phone: (573) 449-4112

Contact: Vince Gallo

Tech Power Systems

2520 Holmes St.

Kansas City, MO 64108

Phone: (816) 931-3009

E-mail: techpowersystems@yahoo.com

Web: www.tech-powersystems.com

Description: Provider and installer of photovoltaic, wind, hydro and solar thermal systems.

Solar Thermal**Cromwell Environmental**

505 Main Street

Belton, MO 64012

Phone: (816) 318-0002

Fax: (816) 318-0005

Toll Free: 1-877-427-7767

E-mail: energy@powertomorrow.com

Web: www.powertomorrow.com

Contact: Tiffany Lederle

Description: Designing and Installing the Power of Tomorrow - Today! Renewable Energy Solutions: Solar Hot Water & Heating, Photovoltaic, Wind Turbines. Commercial & Residential

Environmental Temperature Controls

4310 E. 75th Terrace

Kansas City, MO 64132

Phone: (816) 333-3341

Fax: (816) 333-0825

Contact: Craig Hickson

Description: Mechanical contractor that sells and repairs solar hot water systems.

Echols Construction / Sunshine Market

4050 CR 3190

Mountain View, MO 65548

Phone: (417) 934-6746

Sunshine Market: (417) 934-6956

Contact: William R. Echols

E-mail: echols@socket.net

Description: Solar thermal with leasing option and PV dealer.

Solar 1 - Saint Louis Solar

9905 Vassel Drive

St. Louis, MO 63123

Phone: Voice Fax (314) 631-1094

E-mail: Bill_Loesch@compuserve.com

Web: www.solar1online.com

Contact: Bill Loesch

Description: Full service installing dealer and rework facility specializing in sinewave power (PV and UPS) and solar thermal. Design, installation, service, and repair of solar electric, solar hot water, solar hot air, tankless water heaters, catalytic space heaters and solar tubes.

Ozark Energy Services

10633 Foliage Rd.

Joplin, MO 64804

Phone: (417) 623-6296

Fax: (866) 880-0305

E-mail: ozsolar@ipa.net

Contact: Travis Creswell

Description: Installing dealer of PV, wind, SHW and radiant in-floor heating

Preferred Energy

6502 Ming Drive

Mountain Grove, MO 65711

Phone: Cell (417) 818-6057, Office (417) 453-6362

Fax: (417) 453-6364

E-mail: cwiles@lilon.org

Web: www.preferredenergy.com

Contact: Craig Wiles

Description: Sales and installation of photovoltaics, wind, hydro, and solar thermal systems. Also sell and install generator systems.

Others**Billings Energy Corporation**

26900 East Pink Hill Road

Independence, MO 64057

Phone: (816) 229-0017

E-mail: billings@billingsenergy.com

Web: www.billingsenergy.com

Contact: Roger Billings

Description: Research, development and commercialization of fuel cells and other hydrogen energy technologies.

Heartland Renewable Energy Society

499 Old Ten Mile Road

Eugene, MO 65032

Phone: (573) 498-9944

E-mail: d.pratt@tranquility.net

Web: www.heartland-res.org

Description: Heartland Renewable Energy Society is a public advocacy group for energy efficiency and renewable energy. It is the Missouri chapter of the American Solar Energy Society.

Heartland Solar Energy Industries Association

Contact: Bill Roush

E-mail: solarbeacon@msn.com

Description: Renewable Energy Marketing list of solar dealers and marketers. Forum moderator, www.odysen.com, informative renewable energy site with solar cost calculators, forums, stock tracking, news, etc.

Hydro Review

410 Archibald Street

Kansas City, MO 64111

Phone: (816) 931-1311

E-mail: info@hcipub.com

Web: www.hcipub.com

Description: "The Magazine of the North American Hydroelectric Industry." Features articles on large-scale hydroelectric subjects.

Spotlight Marketing Inc.

4609 Seagraves

Joplin, MO 64801

E-mail: petepirotte@hotmail.com

Contact: Pete Pirotte

Description: Sells a 16-page plan booklet for "Pete's Solar Slow Cooker." Cost is \$3.00, which includes postage.

National Organizations

The Alliance to Save Energy

www.ase.org

American Coalition for Ethanol

www.ethanol.org

American Council on Renewable Energy

www.acore.org

American Solar Energy Society

www.ases.org

American Wind Energy Association
www.awea.org

Bio-based Products & Bio-energy Development
www.sseb.org/currentprograms/cpa_bpbd.htm

Biomass Energy Research Association
www.bera1.org

Biomass Research & Development Initiative
www.biomass.govtools.us/

Building Green Inc.
www.buildinggreen.com

Department of Energy, Energy Efficiency and Renewable Energy Program
www.eere.energy.gov

Energy & Environmental Building Association
www.eeba.org

Geo-Heat Center
<http://geoheat.oit.edu/>

Geothermal Heat Pump Consortium
www.geoexchange.org/

Great Lakes Biomass State-Regional Partnership
www.cglg.org/biomass/

Governors' Ethanol Coalition
www.ethanol-gec.org

Florida Solar Energy Center
www.fsec.ucf.edu

Home Power Magazine
www.homepower.com

International Ground Source Heat Pump Association
www.igshpa.okstate.edu/

Interstate Renewable Energy Council
www.irecusa.org

Iowa Department of Natural Resources, Energy
www.iowadnr.com/energy/index.html

Midwest Solar Yellow Pages
www.iowadnr.com/energy/renewable/files/solar_midwesty.pdf

National Renewable Energy Laboratory
www.nrel.gov

National Wind Technology Center
www.nrel.gov/wind

New Uses Council
www.newuses.org

North Carolina Solar Center
www.ncsc.ncsu.edu

Renewable Fuels Association
www.ethanolrfa.org

Rocky Mountain Institute
www.rmi.org

Solar Electric Power Association
www.solarelectricpower.org

Tax Incentives Assistance Project
www.energytaxincentives.org/

US Department of Energy
www.doe.gov

Windustry
www.windustry.com

For More Information Contact

Missouri Department of Natural Resources
Energy Center
P.O. Box 176
Jefferson City, MO 65102
1-800-361-4827 or (573) 751-3443
E-mail: energy@dnr.mo.gov
Web site: www.dnr.mo.gov/energy/index.html